

REMARKS/ARGUMENTS

Applicant responds herein to the Office Action dated December 22, 2006. A Petition for Extension of Time (one month) and the fee therefor are enclosed.

Applicant's attorneys appreciate the Examiner's thorough search and examination of the present patent application and the indication of allowability of claims 2-4.

Claims 1-4 are pending in this application. Claim 1 stands rejected and claims 2-4 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The Examiner objected to the information disclosure statement because it fails to comply with 37 C.F.R. §1.98(a)(2) and (3) because it does not include a concise explanation of the relevance of the references which are not in the English language.

In response, English language Abstracts of the non-English language references listed in the previously filed IDS are submitted herewith. The Examiner is again respectfully requested to consider the previously mentioned references and to initial, sign and date the enclosed form PTO-1449. In view of the citation of the references in a search report supplied to the Examiner, no fee for submitting the references should be due.

The Examiner objected to the specification. In response, a substitute paragraph has been submitted correcting the Examiner indicated omission.

Claim 1 is rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,388,360 to Nysen et al. ("Nysen").

Independent claim 1 recites a surface acoustic wave sensor that includes "a sensor body having a central part and opposite smoothed edge zones outward of the central part" and "additional reflectors arranged at one of the smoothed edge zones in order to reflect signals which are used for evaluation of the current temperature". In accordance with an embodiment described in the application, an edge zone of a chip surface, which is neither expanded nor compressed when mechanical loads are applied, produces a temperature difference signal. Reflectors are incorporated in this smoothed edge zone of SAW sensors, a short distance apart. Since these reflectors are always the same distance apart from one another, irrespective of the mechanical load on the sensor, the temperature of the chip can be deduced directly from the signal difference between these two reflectors. A simple measure means is all that is necessary

to evaluate a time interval between these two signals. This time interval being directly proportional to the current temperature of the SAW sensor. (See page 2, line 10 of the specification.)

Nysen does not teach at least the above quoted recitations of claim 1. Instead, Nysen discloses a surface acoustic wave sensor comprising a sensor body having a central part and opposite edge zones outward of the central part. This sensor also comprises an antenna for the body, described in the Example 6, and a transducer for converting electromagnetic waves at the antenna into mechanical waves which run along the sensor body, as described in the Example 5.

The Examiner did not point out, and a close inspection of Nysen does not reveal, a suggestion of a sensor body having a central part and opposite smoothed edge zones outward of the central part recited in claim 1. In fact, Nysen does not disclose or seem to recognize that there are different zones on a sensor body, each zone behaving differently under a mechanical load.

The Examiner refers to Nysen col. 20, lines 1-7 as teaching the additional reflectors element of claim 1. This is not correct. Nysen does not teach evaluation of the current temperature as recited in claim 1, contrary to the Examiner's assertion, on lines 4-7 of the referenced section on page 20 Nysen states:

“a pair or reference reflections may be provided to allow compensation for temperature variations and manufacturing errors” (Emphasis added)

This text clearly does not disclose reflection of signals which are used for evaluation of the current temperature. Moreover, no hint of the special claimed arrangement of the reflectors is found in Nysen.

Finally, the Examiner indicates that the reflectors 807, 808, 809, 810 of Nysen are similar to the first reflectors of the application that are recited in claim 1 as being positioned inward of the edge zones. If that is true, then Nysen clearly does not disclose additional reflectors arranged at one of the smoothed edge zones that are provided in addition to the first reflectors. No reference to smoothed edge zones is found in Nysen.

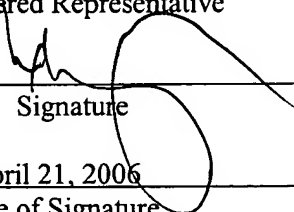
Therefore, Nysen does not teach, describe, or suggest at least the above-discussed recitations of claim 1.

Thus, Applicants' independent claim 1 is patentably distinct from Nysen. Claims 2-4 have been found to be allowable. Accordingly, the Examiner is respectfully requested to reconsider the application, allow the claims as amended and pass this case to issue.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on April 21, 2006:

Max Moskowitz

Name of applicant, assignee or
Registered Representative

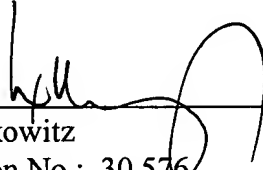

Signature

April 21, 2006

Date of Signature

RCF:MM:JK:ck

Respectfully submitted,


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